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Class	Subclass

ISSUE CLASSIFICATION

PATENT NUMBER

5987657



5987657

U.S. UTILITY PATENT APPLICATION

③ IN O.I.P.E.

PATENT DATE

SCANNED

PA 4163

[ENCLOSURE 2 3 1000]

SECTOR	CLASS	SUBCLASS	ART UNIT	EXAMINER
	4	254	3751	Phillips

FILED WITH: ☐ DISK (CRF) ☐ FICHE
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

ORIGINAL						CROSS REFERENCE(S)									
CLASS			SUBCLASS			CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)								
INTERNATIONAL CLASSIFICATION															
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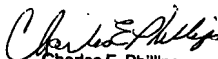
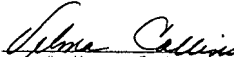
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11-2-99

Formal Drawings (2 shts) set 1

8-27-98

<input type="checkbox"/> TERMINAL DISCLAIMER	DRAWINGS Sheets Drawg. <u>2</u> Figs. Drawg. <u>4</u> Print Fig. <u>1</u>			CLAIMS ALLOWED Total Claims <u>14</u> Print Claim for O.G. <u>2</u>	
	<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.			NOTICE OF ALLOWANCE MAILED <div style="border: 1px solid black; padding: 5px; text-align: center;">JUN 23 1999</div>	
<input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<div style="text-align: center;">  Charles E. Phillips Primary Examiner _____ (Primary Examiner) <u>6/27/97</u> (Date) </div>			ISSUE FEE Amount Due <u>\$605.00</u> Date Paid <u>9/27/99</u>	
	<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.			ISSUE BATCH NUMBER <u>496</u>	
	<div style="text-align: center;">  _____ (Legal Instruments Examiner) (Date) </div>				

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Form PTO-435A
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Formal Drawing _____ (this) set _____

(LABEL AREA)

ISSUE FFF 12 FILE

(FACE)

STAPLE

AREA

☆ U.S. GOVERNMENT PRINTING OFFICE: 1998-446-168

PATENT NUMBER		ORIGINAL CLASSIFICATION	
		CLASS	SUBCLASS
		004	254
APPLICATION SERIAL NUMBER		CROSS REFERENCE(S)	
09/140,850			
APPLICANT'S NAME (PLEASE PRINT)		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)
Byers			
IF REISSUE, ORIGINAL PATENT NUMBER			
INTERNATIONAL CLASSIFICATION			
E 03 D 11/00			
		GROUP ART UNIT	ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)
		3751	Charles E. Phillips
			PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PTO 270
(REV. 5-91)

ISSUE CLASSIFICATION SLIP

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PATENT AND TRADEMARK OFFICE